	Application No.	Applicant(s)
Notice of Allowability	10/735,533	SKOPEC ET AL.
	Examiner	**Art Unit**	
	Sathyanarayan Pannala	2164	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *9/6/2007*.

2. ☒ The allowed claim(s) is/are *1,3,4 and 8-10*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

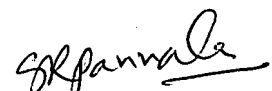4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *Attached* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

Sathyanarayan Pannala
Primary Examiner

DETAILED ACTION

Response to Amendment

1.   Applicant's Amendment filed on 9/6/2007 has been entered. In this Office Action,

claims 1, 3-4, 8-10 are pending and renumbered for allowance as 1-6.

EXAMINER'S AMENDMENT

2.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Mr. Joshua A. Stockwell on 9/26/2007.

Claims: Replace original claims 1-7 on record and add claims 8-10 with the

following:

Claim 1 (Currently amended).   A method of loading data into a database,

comprising the steps of:

  providing an operating system and access method for a record data;

  providing a default input routine by the access method for the operating system;

providing a database capable of having record data loaded therein;

providing a computer's main memory;

providing an application data section in the computer's main memory;

providing an input buffer section in the computer's main memory;

providing record data for loading into the database; the record data residing in

the computer's main memory;

invoking a coordinating program;

invoking a load utility program that issues record data input requests, opens

record data from external media and loads record data to the database

therefrom; the load utility having a required syntax;

with the coordinating program, intercepting record data input requests from

external media made by the load utility program;

replacing the record data input request from external media with record data

input requests from the computer's main memory;

formatting the record data to the syntax required by the load utility;

moving formatted record data from the application data memory section to the

input buffer section, for later processing by the load utility;

inserting record data from computer's main memory directly into the database

by the load utility; and

whereby delays encountered by reading of input files on the external media by

the load utility is avoided.

Claim 2 canceled.

Claim 3 (Currently amended).   The method of Claim [[2]] 1, further comprising

the steps of:

    providing record data in the application data memory section;

    moving record data in the application data section to the input buffer section of

file computer's main memory by the load utility; and

    inserting record data from the input buffer section of the computer's main

memory directly into the database.

Claim 4 (Currently amended).   The method of Claim [[2]] 1, further comprising

the steps of:

    providing record data in the application data memory section;

    copying record data in the application data section to the input buffer section of

the computer's main memory by the load utility; and

    inserting record data from the input buffer section of the computer's main

memory directly into file database.

Claims 5-7 canceled.

Claim 8 (New).   A method of loading data into a database, comprising the steps

of:

providing an operating system and access method for a record data;

providing a default input routine by the access method for the operating system;

providing a database capable of having record data loaded therein;

providing a computer's main memory;

providing an application data section in the computer's main memory;

providing an input buffer section in the computer's main memory;

providing record data for loading into the database; the record data residing in

the computer's main memory;

invoking a coordinating program;

invoking a load utility program that issues record data input requests, opens

record data from external media and loads record data to the database

therefrom; the load utility having a required syntax;

with the coordinating program, intercepting record data input requests from

external media made by the load utility program;

replacing the record data input request from external media with record data

input requests from the computer's main memory;

formatting the record data to the syntax required by the load utility;

coving formatted record data from the application data memory section to the

input buffer section, for later processing by the load utility;

inserting record data from computer's main memory directly into the database

by the load utility; and

whereby delays encountered by reading of input files on the external media by

the load utility is avoided.

Claim 9 (New).   The method of Claim 8, further comprising the steps of:

providing record data in the application data memory section;

moving record data in the application data section to the input buffer section of

file computer's main memory by the load utility; and

inserting record data from the input buffer section of the computer's main

memory directly into the database.

Claim 10 (New).   The method of Claim 8, further comprising the steps of:

providing record data in the application data memory section;

copying record data in the application data section to the input buffer section of

the computer's main memory by the load utility; and

inserting record data from the input buffer section of the computer's main

memory directly into file database.

Reasons for allowance

3.   The following is an examiner's statement of reasons for allowance:

- Prior art of record does not appear to teach or suggest or render obvious the

  claimed limitations in combination with the specific added limitations as

  recited in independent claims 1 and 8. The prior art of record fails to teach or

suggest in combination of claimed elements including "intercepts record data

input requests from the load utility program."

- Chan et al. (US Patent 6,453,314) teaches an invention relates to Relational

    Database Processing Systems, and in particular, to constraint checking and

    violation capture for bulk data stored in a relational database. Nakayama et

    al. (US Patent 5,280,583) teaches an invention to provide an electronic

    interlocution system including a plurality of terminals or work stations each

    imparted with a multi-window function and interconnected to one another and

    which system can enjoy much improved information service performance.

- At the time of Interview, Applicant agreed and sent the Proposed Amendment

    by combining claims 2, 5-6 with claim 1 and newly added claims 8-10 by

    combining claims 1-2, 5 and 7 to form claim 8 and reproduced claims 3-4 as

    9-10 respectively. Further, Applicant authorized to do Examiner's

    Amendment to expedite the prosecution

- Applicant's arguments filed on 9/6/2007 in the Remarks section on Page 3,

    paragraphs last are persuasive and convincing.

4.   Any comments considered necessary by applicant must be submitted no later

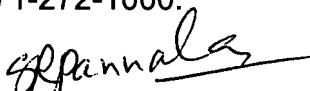than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Sathyanarayan Pannala whose telephone number is

(571) 272-4115. The examiner can normally be reached on 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Charles Rones can be reached on (571) 272-4085. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sathyanarayan Pannala
Primary Examiner

srp
September 27, 2007